

Water-Data Report 2008

08123800 Beals Creek near Westbrook, TX

Upper Colorado Basin
Beals Subbasin

LOCATION.--Lat 32°11'57", long 101°00'49" referenced to North American Datum of 1927, Mitchell County, TX, Hydrologic Unit 12080007, on right bank, 220 ft upstream from right end of bridge on State Highway 163, 2.1 mi downstream from Hackberry Creek, 10.8 mi south of Westbrook, 15.7 mi southwest of Colorado City, and 19.1 mi upstream from mouth.

DRAINAGE AREA.--9,802 mi² of which 7,814 mi² probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Oct. 1958 to current year.

REVISED RECORDS.--WRD TX-72-1: 1971. WDR TX-81-3: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 2,048.74 ft above NGVD of 1929. Prior to Nov. 18, 2002, at site 222 ft downstream on left bank at same datum. Satellite telemeter at station.

REMARKS.--Records good. No known regulation. Low flow is affected by diversion upstream from station. No flow at times most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1908, about 24.5 ft in 1922, from information by local resident.

08123800 Beals Creek near Westbrook, TX—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.82	0.33	1.9	0.56	2.5	0.26	0.24	1.4	0.00	0.00	0.00	5.8
2	0.83	0.33	1.2	0.54	2.1	0.29	0.23	1.3	0.00	0.00	0.00	1.7
3	0.79	0.33	1.2	0.50	1.1	0.22	0.26	0.64	0.00	0.00	0.00	0.66
4	0.75	0.38	0.82	0.47	0.70	0.22	0.23	0.42	0.00	0.83	0.00	0.27
5	0.72	0.33	0.66	0.49	0.55	0.21	0.22	0.25	0.00	0.50	0.00	0.11
6	0.66	0.32	0.55	0.53	0.54	0.23	0.20	0.20	0.00	0.18	0.00	0.05
7	0.65	0.28	0.46	0.59	0.53	0.25	0.17	0.16	0.00	0.08	0.00	0.02
8	1.3	0.27	0.42	0.65	0.53	0.25	0.14	0.08	0.00	0.04	0.00	0.01
9	1.0	0.29	0.51	0.69	0.50	0.29	0.18	0.05	0.00	0.02	0.00	0.00
10	0.75	0.29	0.56	0.65	0.66	0.37	1.7	0.03	0.00	0.00	0.00	0.21
11	0.66	0.40	1.3	0.64	0.72	0.36	30	0.01	0.00	0.00	0.00	1.2
12	0.61	0.31	1.3	0.62	0.57	0.35	8.5	0.00	0.00	0.00	0.00	4.1
13	0.54	0.37	e1.5	0.59	0.48	0.32	3.2	0.00	0.00	0.00	0.00	13
14	0.49	0.26	1.4	0.57	0.40	0.30	1.4	0.00	136	0.00	0.00	17
15	0.47	0.25	0.97	0.61	0.35	0.27	0.85	0.00	10	0.00	0.00	3.9
16	0.55	0.27	0.65	0.63	0.47	0.29	0.57	0.00	2.0	0.00	0.00	1.4
17	0.50	0.32	0.60	0.63	0.48	0.30	0.41	0.00	0.70	0.00	222	0.71
18	e0.48	0.27	0.55	0.63	0.45	1.2	0.31	0.00	0.71	0.00	462	0.35
19	e0.45	0.31	0.58	0.63	0.46	3.6	0.20	0.00	0.66	0.00	116	0.19
20	e0.41	0.35	0.54	0.65	0.49	1.6	0.15	0.00	2.2	0.00	48	0.10
21	e0.39	0.30	0.48	0.70	0.49	0.75	0.14	0.00	7.1	0.00	6.4	0.06
22	e0.35	0.31	0.47	0.67	0.48	0.53	0.11	0.00	1.9	0.00	2.1	0.03
23	e0.32	0.53	0.56	0.72	0.44	0.58	0.11	0.00	0.69	0.00	0.86	0.02
24	e0.29	0.67	0.53	0.81	2.2	0.55	0.11	0.00	0.32	0.00	0.42	0.01
25	0.27	0.98	0.58	0.88	1.1	0.51	0.08	0.30	0.19	0.00	0.55	0.00
26	0.34	1.0	0.57	0.93	0.59	0.51	0.09	0.06	0.09	0.00	0.19	0.00
27	0.35	1.0	0.60	0.88	0.39	0.43	0.14	0.03	0.03	0.00	0.09	0.00
28	0.32	5.0	0.52	0.81	0.33	0.41	18	0.02	0.01	0.00	0.05	0.00
29	0.34	4.4	0.54	0.75	0.25	0.57	8.8	0.00	0.01	0.00	2.9	0.00
30	0.43	2.8	0.63	1.9	---	0.50	1.3	0.00	0.00	0.00	21	0.00
31	0.52	---	0.65	2.8	---	0.38	---	0.00	---	0.00	17	---
Total	17.35	23.25	23.80	23.72	20.85	16.90	78.04	4.95	162.61	1.65	899.56	50.90
Mean	0.56	0.78	0.77	0.77	0.72	0.55	2.60	0.16	5.42	0.05	29.0	1.70
Max	1.3	5.0	1.9	2.8	2.5	3.6	30	1.4	136	0.83	462	17
Min	0.27	0.25	0.42	0.47	0.25	0.21	0.08	0.00	0.00	0.00	0.00	0.00
Ac-ft	34	46	47	47	41	34	155	9.8	323	3.3	1,780	101

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2008, BY WATER YEAR (WY)

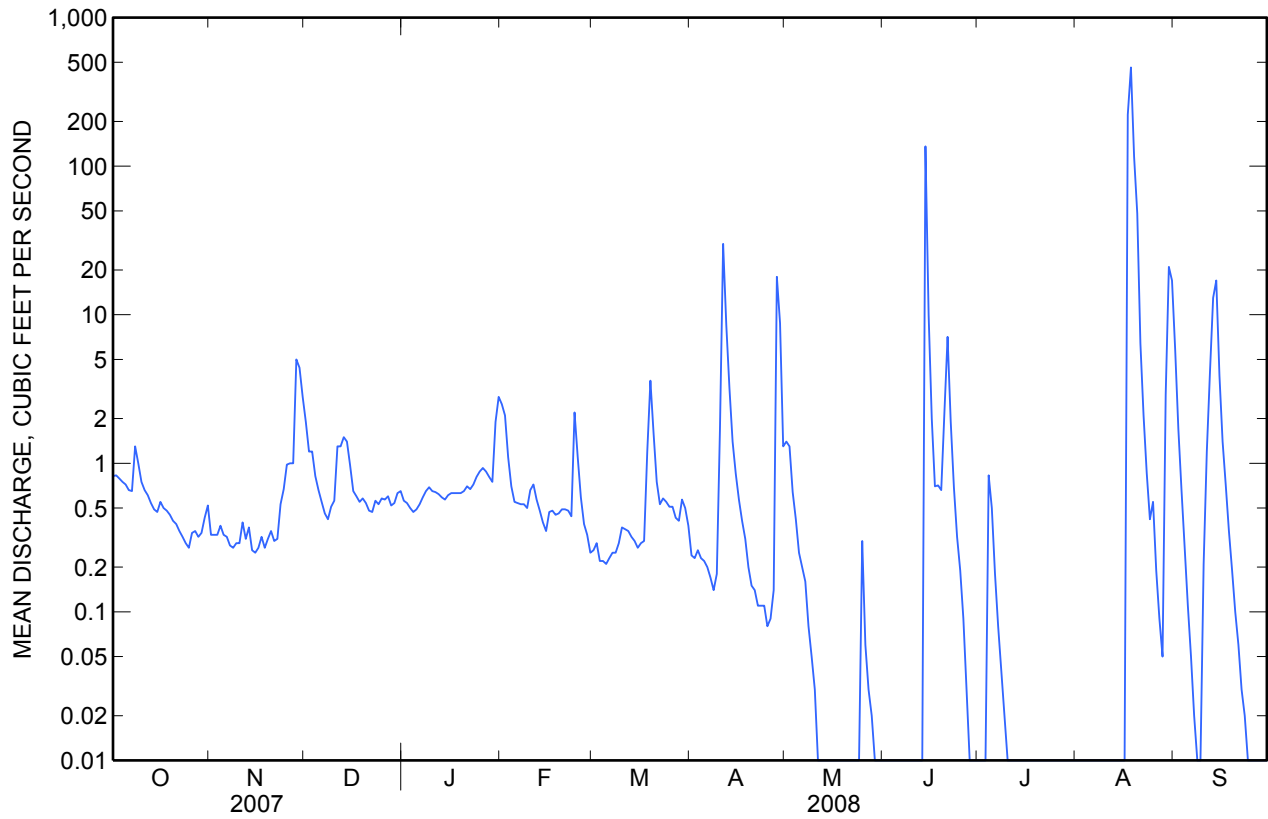
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	34.3	13.8	4.56	4.24	7.28	18.6	18.0	50.2	42.3	21.3	20.2	53.7
Max	572	296	49.2	47.0	94.9	544	256	334	300	258	168	680
(WY)	(1987)	(2005)	(1992)	(1987)	(1992)	(2000)	(1966)	(1994)	(2003)	(1961)	(1971)	(1980)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
(WY)	(1964)	(2000)	(1999)	(1999)	(1999)	(2001)	(2003)	(2004)	(2001)	(1964)	(2000)	(1998)

08123800 Beals Creek near Westbrook, TX—Continued

SUMMARY STATISTICS

	Calendar Year 2007		Water Year 2008		Water Years 1959 - 2008	
Annual total	7,839.55		1,323.58			
Annual mean	21.5		3.62		24.1	
Highest annual mean					107	1987
Lowest annual mean					1.20	2001
Highest daily mean	1,180	Aug 19	462	Aug 18	7,340	Mar 23, 2000
Lowest daily mean	0.00	Jul 24	0.00	May 12	0.00	Oct 1, 1958
Annual seven-day minimum	0.01	Jul 20	0.00	May 12	0.00	Oct 1, 1958
Maximum peak flow			910	Aug 18	13,000	Mar 23, 2000
Maximum peak stage			10.95	Aug 18	^a 23.70	Mar 23, 2000
Annual runoff (ac-ft)	15,550		2,630		17,440	
10 percent exceeds	33		1.7		20	
50 percent exceeds	1.5		0.38		1.7	
90 percent exceeds	0.19		0.00		0.00	

^a From floodmark.



08123800 Beals Creek near Westbrook, TX—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

CHEMICAL DATA: Nov. 1958 to June 2003.
BIOCHEMICAL DATA: Oct. 1959 to Oct. 1977.
BIOLOGICAL DATA: Oct. 1974 to Oct. 1977.
RADIOCHEMICAL DATA: Jan. 1981 to Feb. 1981.
SEDIMENT DATA: Oct. 1974 to Oct. 1977.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Nov. 1958 to Feb. 1981 (local observer) and Mar. 1981 to current year.
WATER TEMPERATURE: Nov. 1958 to Feb. 1981 (local observer) and Mar. 1981 to current year.

INSTRUMENTATION.--Water-quality monitor since Mar. 5, 1981.

REMARKS.--Specific conductance record for the year is good except for Feb. 23 to Apr. 3, which is fair. Water temperature record is good. Interruptions in the record were due to malfunction of the instrument and to no flow. No flow for many days. Other than no flow conditions, minimum and maximum extremes may have occurred during period of missing record. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 24,500 microsiemens/cm, Aug. 9, 1989; minimum, 49 microsiemens/cm, June 27, 2002.
WATER TEMPERATURE: Maximum daily, 37.0°C, June 28, 1960, and July 3, 1976; minimum, 0.0°C, on many days during winter months.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 21,000 microsiemens/cm, Apr. 11; minimum, 146 microsiemens/cm, Aug. 17
WATER TEMPERATURE: Maximum, 34.2°C, June 27; minimum, 1.2°C, Jan. 2

08123800 Beals Creek near Westbrook, TX—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	10,800	10,500	10,700	---	---	---	18,200	17,500	18,000	12,300	11,800	12,100
2	10,600	10,100	10,400	---	---	---	18,000	17,600	17,800	12,500	11,900	12,200
3	10,100	9,880	10,000	---	---	---	17,700	17,500	17,600	12,600	12,100	12,300
4	9,920	9,740	9,840	---	---	---	17,600	17,300	17,500	12,700	12,300	12,500
5	9,790	9,620	9,710	---	---	---	17,500	17,100	17,300	12,500	12,200	12,400
6	9,650	9,450	9,570	---	---	---	17,200	16,900	17,100	12,400	12,000	12,300
7	9,570	9,360	9,490	9,980	9,830	9,910	17,000	16,800	16,900	12,300	12,000	12,100
8	9,470	9,250	9,380	10,100	9,950	10,000	16,900	16,600	16,700	12,200	11,900	12,100
9	9,520	9,380	9,460	10,200	10,100	10,100	16,700	15,700	16,400	12,300	11,800	12,000
10	9,580	9,380	9,510	10,300	10,200	10,200	16,200	15,800	16,000	12,100	11,800	12,000
11	9,650	9,550	9,590	10,300	10,300	10,300	16,000	14,700	15,300	12,200	11,800	12,000
12	9,770	9,570	9,690	10,400	10,200	10,400	15,100	13,700	14,200	12,200	11,800	12,000
13	9,860	9,660	9,790	10,600	10,400	10,500	15,300	14,100	14,500	12,300	11,800	12,000
14	9,920	9,760	9,850	10,800	10,600	10,700	16,900	15,200	16,200	12,400	11,700	12,100
15	10,000	9,900	9,940	10,900	---	10,700	17,500	16,800	17,200	12,400	12,000	12,200
16	9,980	9,830	9,920	10,700	10,400	10,600	17,700	17,100	17,400	12,300	11,900	12,100
17	9,880	9,750	9,830	10,800	10,500	10,700	17,300	16,400	16,900	12,700	12,200	12,300
18	9,960	9,550	9,900	10,900	10,600	10,800	16,500	15,300	16,000	13,000	12,300	12,600
19	---	---	---	10,900	10,700	10,800	15,300	13,900	14,600	13,000	12,200	12,600
20	---	---	---	10,900	10,800	10,900	14,000	13,100	13,600	13,000	12,400	12,600
21	---	---	---	11,100	10,800	10,900	13,400	12,800	13,000	12,800	12,400	12,600
22	---	---	---	11,100	10,600	10,900	12,900	12,400	12,600	12,800	12,400	12,700
23	---	---	---	11,100	10,500	10,900	12,700	12,200	12,400	12,900	12,600	12,700
24	---	---	---	11,100	10,800	11,000	12,500	12,000	12,300	12,900	12,400	12,700
25	---	---	---	11,100	10,600	10,800	12,300	11,900	12,100	13,000	12,400	12,700
26	---	---	---	11,100	10,900	11,000	12,200	11,800	12,000	12,900	12,400	12,600
27	---	---	---	11,400	11,000	11,300	12,200	11,900	12,000	12,900	12,400	12,600
28	---	---	---	13,600	11,200	12,100	12,400	11,900	12,100	12,800	12,500	12,600
29	---	---	---	15,800	13,500	14,900	12,200	11,800	12,100	12,900	12,500	12,700
30	---	---	---	17,500	15,700	16,400	12,200	11,800	12,000	13,700	12,600	13,100
31	---	---	---	---	---	---	12,200	11,900	12,000	14,500	13,600	14,200
Month	---	---	---	---	---	---	18,200	11,800	14,900	14,500	11,700	12,400

08123800 Beals Creek near Westbrook, TX—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

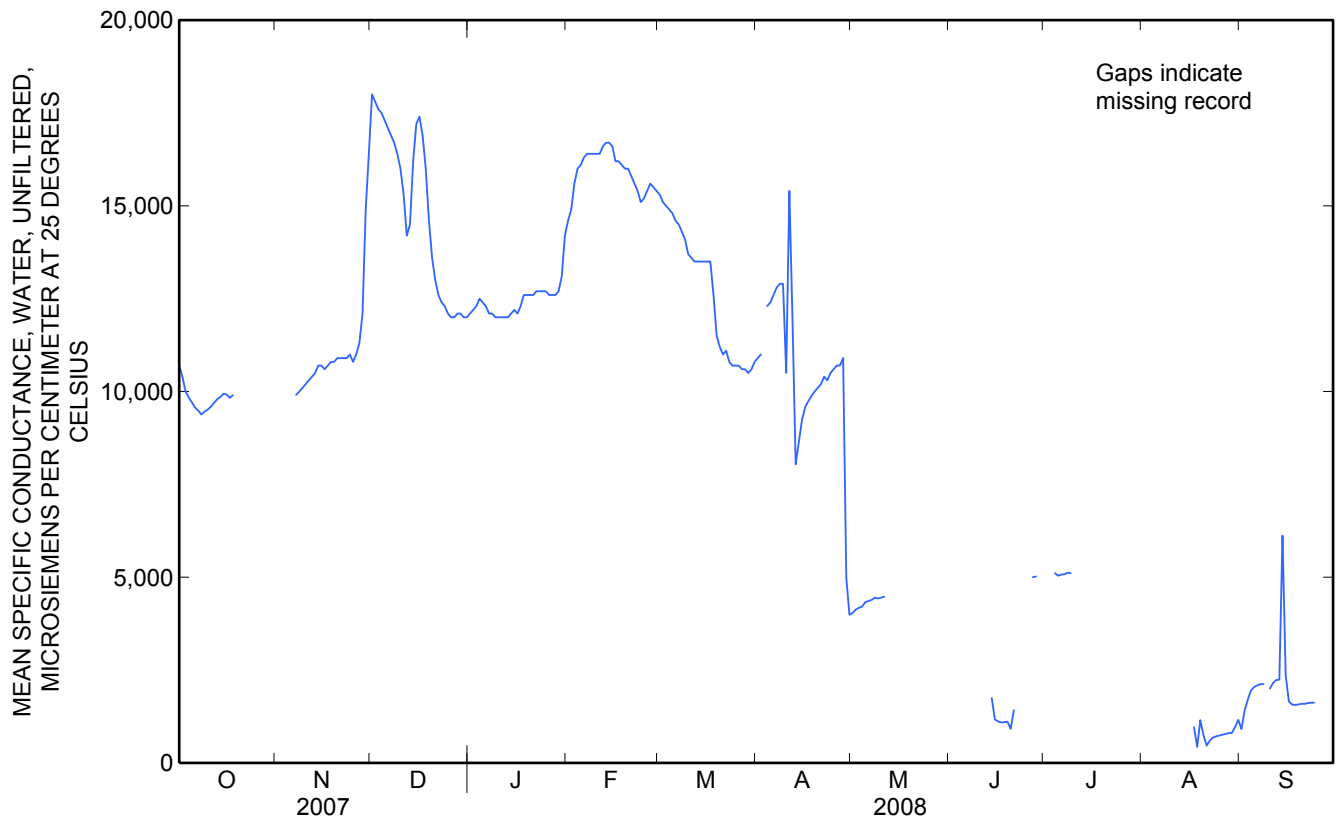
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	14,900	14,300	14,600	15,500	15,100	15,300	11,200	10,700	10,900	4,280	3,840	4,040
2	15,300	14,500	14,900	15,300	14,900	15,100	11,400	10,800	11,000	4,320	3,940	4,130
3	15,800	15,200	15,600	15,100	14,800	15,000	---	---	---	4,350	4,000	4,180
4	16,100	15,700	16,000	15,000	14,700	14,900	12,500	12,000	12,300	4,400	4,020	4,210
5	16,300	16,000	16,100	15,000	14,600	14,800	12,700	12,100	12,400	4,430	4,170	4,330
6	16,400	16,100	16,300	14,900	14,400	14,600	12,900	12,300	12,600	4,480	4,190	4,360
7	16,500	16,100	16,400	14,700	14,200	14,500	13,000	12,300	12,800	4,580	4,210	4,390
8	16,600	16,300	16,400	14,500	14,000	14,300	13,100	12,600	12,900	4,610	4,310	4,450
9	16,700	16,200	16,400	14,400	13,700	14,100	13,300	12,500	12,900	4,600	4,250	4,430
10	16,500	16,100	16,400	13,900	13,500	13,700	12,600	9,380	10,500	4,600	4,310	4,450
11	16,600	16,200	16,400	13,900	13,400	13,600	21,000	9,670	15,400	4,670	4,290	4,480
12	16,800	16,400	16,600	14,100	13,300	13,500	15,200	9,160	11,900	---	---	---
13	16,800	16,600	16,700	13,700	13,300	13,500	9,200	7,590	8,040	---	---	---
14	16,800	16,600	16,700	13,600	13,300	13,500	9,220	8,160	8,640	---	---	---
15	16,700	16,400	16,600	13,700	13,300	13,500	9,590	8,940	9,240	---	---	---
16	16,800	15,900	16,200	13,700	13,200	13,500	9,900	9,300	9,580	---	---	---
17	16,400	16,100	16,200	13,900	13,300	13,500	10,000	9,520	9,740	---	---	---
18	16,200	15,900	16,100	13,400	11,800	12,600	10,100	9,700	9,880	---	---	---
19	16,100	15,800	16,000	12,000	11,200	11,500	10,200	9,730	10,000	---	---	---
20	16,200	15,800	16,000	11,500	11,000	11,200	10,400	9,900	10,100	---	---	---
21	16,000	15,700	15,800	11,400	10,800	11,000	10,500	10,000	10,200	---	---	---
22	15,800	15,400	15,600	11,400	10,800	11,100	10,600	10,100	10,400	---	---	---
23	15,600	15,200	15,400	11,100	10,600	10,800	10,600	9,930	10,300	---	---	---
24	15,300	14,800	15,100	11,000	10,500	10,700	10,800	10,200	10,500	---	---	---
25	15,300	15,000	15,200	11,200	10,400	10,700	10,800	10,300	10,600	---	---	---
26	15,500	15,200	15,400	11,000	10,400	10,700	11,100	10,600	10,700	---	---	---
27	15,800	15,300	15,600	10,900	10,300	10,600	10,900	10,200	10,700	---	---	---
28	15,700	15,400	15,500	10,700	10,400	10,600	13,300	9,250	10,900	---	---	---
29	15,500	15,300	15,400	10,600	10,300	10,500	10,600	3,840	4,990	---	---	---
30	---	---	---	11,100	10,300	10,600	4,160	3,870	3,990	---	---	---
31	---	---	---	11,200	10,200	10,800	---	---	---	---	---	---
Month	16,800	14,300	15,900	15,500	10,200	12,700	---	---	---	---	---	---

08123800 Beals Creek near Westbrook, TX—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	1,180	742	911
2	---	---	---	---	---	---	---	---	---	1,560	1,180	1,410
3	---	---	---	---	---	---	---	---	---	1,860	1,560	1,700
4	---	---	---	5,270	4,990	5,110	---	---	---	2,070	1,840	1,950
5	---	---	---	5,100	4,970	5,040	---	---	---	2,110	1,990	2,040
6	---	---	---	5,100	5,040	5,070	---	---	---	2,140	2,050	2,090
7	---	---	---	5,110	5,020	5,080	---	---	---	2,150	2,090	2,120
8	---	---	---	5,180	5,080	5,120	---	---	---	2,160	2,070	2,120
9	---	---	---	5,200	5,050	5,110	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	2,130	1,580	2,000
11	---	---	---	---	---	---	---	---	---	2,340	1,580	2,150
12	---	---	---	---	---	---	---	---	---	3,950	1,660	2,230
13	---	---	---	---	---	---	---	---	---	3,380	1,350	2,240
14	5,260	1,140	1,750	---	---	---	---	---	---	12,400	1,330	6,120
15	1,220	1,160	1,170	---	---	---	---	---	---	3,580	1,810	2,360
16	1,170	1,030	1,120	---	---	---	---	---	---	1,810	1,590	1,660
17	1,100	1,080	1,090	---	---	---	2,440	146	963	1,590	1,550	1,570
18	1,110	1,090	1,100	---	---	---	927	266	436	1,570	1,550	1,560
19	1,140	1,100	1,110	---	---	---	8,200	393	1,150	1,590	1,550	1,570
20	1,130	802	920	---	---	---	1,520	358	747	1,620	1,540	1,590
21	2,250	798	1,420	---	---	---	545	420	469	1,610	1,580	1,590
22	---	2,250	---	---	---	---	657	545	603	1,630	1,590	1,610
23	---	---	---	---	---	---	707	655	683	1,650	1,590	1,620
24	---	---	---	---	---	---	736	702	717	1,640	1,610	1,620
25	---	---	---	---	---	---	747	733	740	---	---	---
26	---	---	---	---	---	---	779	742	760	---	---	---
27	5,070	4,940	5,000	---	---	---	801	768	783	---	---	---
28	5,070	4,940	5,020	---	---	---	813	789	800	---	---	---
29	---	---	---	---	---	---	930	781	813	---	---	---
30	---	---	---	---	---	---	2,450	158	966	---	---	---
31	---	---	---	---	---	---	1,600	661	1,160	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

08123800 Beals Creek near Westbrook, TX—Continued



08123800 Beals Creek near Westbrook, TX—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	28.2	24.1	25.9	---	---	---	16.5	10.8	14.0	5.3	2.3	3.9
2	28.2	24.0	25.9	---	---	---	15.9	12.8	14.9	3.8	1.2	2.6
3	29.2	24.0	26.5	---	---	---	12.8	9.4	11.1	5.2	2.3	3.8
4	29.2	24.0	26.4	---	---	---	11.9	8.2	10	6.9	3.4	5.1
5	28.3	23.5	25.8	---	---	---	12.1	8.5	10.3	10.2	5.6	7.8
6	28.1	23.1	25.4	13.9	---	---	12.5	8.4	10.6	12.7	8.6	10.4
7	27.9	22.7	25.1	15.6	11.3	13.5	13.7	10.1	11.8	13.3	9.1	11.1
8	26.5	22.7	24.6	17.4	12.1	14.7	13.0	10.8	11.9	11.1	8.7	9.8
9	25.5	21.8	23.6	18.3	13.5	15.9	11.6	7.1	9.1	9.6	5.6	7.8
10	25.3	20.7	23.0	19.2	14.0	16.7	7.3	6.3	6.5	9.6	6.2	7.9
11	24.9	21.2	23.1	19.7	16.2	17.9	8.9	6.4	7.6	8.9	5.4	7.2
12	26.5	21.3	23.5	20.6	16.0	18.4	8.2	6.8	7.6	8.4	5.5	7.1
13	25.8	21.2	23.3	19.8	15.9	17.9	8.9	5.3	7.0	7.2	4.1	5.9
14	25.5	21.2	23.0	17.8	14.3	16.4	7.9	6.6	7.3	7.3	3.8	5.7
15	23.0	18.8	21.2	14.4	12.0	13.3	7.8	5.8	7.2	6.4	3.7	5.1
16	22.9	18.0	20.4	14.4	11.3	12.7	6.5	3.2	5.0	6.8	3.8	5.3
17	23.1	19.7	21.0	16.1	11.6	13.7	6.4	3.0	4.8	5.7	3.1	4.3
18	20.2	17.4	18.6	16.1	11.7	13.8	8.1	3.7	5.8	5.3	2.2	3.7
19	---	---	---	17.3	12.5	14.8	8.4	4.8	6.5	5.0	1.8	3.6
20	---	---	---	18.1	14.6	16.2	9.1	5.4	7.2	5.3	1.3	3.5
21	---	---	---	16.6	11.5	14.6	9.4	5.2	7.5	8.7	3.5	5.9
22	---	---	---	11.6	6.7	9.1	8.6	5.2	6.9	7.7	4.2	5.4
23	---	---	---	7.7	6.2	7.0	6.2	1.9	4.5	5.6	3.6	4.5
24	---	---	---	7.5	6.3	6.9	6.2	3.1	4.8	5.3	3.9	4.4
25	---	---	---	6.4	5.4	5.8	7.0	2.3	4.9	6.5	3.6	4.8
26	---	---	---	7.8	4.1	5.8	6.9	4.4	5.7	8.2	4.0	5.9
27	---	---	---	9.3	5.3	7.2	6.8	2.4	4.9	10.1	5.0	7.4
28	---	---	---	10.2	7.2	8.6	6.0	2.4	4.5	12.5	8.5	10.2
29	---	---	---	10.2	7.5	8.9	6.2	2.6	4.5	11.6	8.8	10.3
30	---	---	---	10.8	8.5	9.6	6.8	3.1	5.1	10.0	5.5	7.9
31	---	---	---	---	---	---	6.3	3.5	5.1	8.8	5.3	7.1
Month	---	---	---	---	---	---	16.5	1.9	7.6	13.3	1.2	6.3

08123800 Beals Creek near Westbrook, TX—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	7.5	3.4	5.5	17.7	11.2	14.2	20.4	15.2	17.7	25.3	18.9	21.6
2	9.2	4.3	6.7	19.6	14.2	16.5	17.9	15.5	16.8	25.2	17.5	21.3
3	11.8	6.6	9.0	15.7	8.8	11.6	---	---	---	23.6	16.0	19.6
4	13.6	9.1	11.3	14.2	7.1	10.1	20.9	15.6	18.4	22.3	17.1	19.8
5	12.8	10.4	11.7	13.4	8.6	10.7	22.3	15.3	18.1	22.0	19.6	20.7
6	10.8	6.7	9.0	10.8	7.5	9.0	22.0	16.0	18.7	28.3	19.2	22.4
7	10.3	6.3	8.3	10.0	5.9	7.8	23.9	16.2	19.5	27.4	20.3	22.9
8	11.3	6.7	8.9	13.2	6.0	9.2	22.3	17.7	19.8	29.3	18.3	22.6
9	12.0	6.9	9.4	14.3	8.7	11.1	19.6	17.1	18.2	26.7	18.9	22.1
10	13.1	6.9	9.9	16.5	11.0	13.4	20.6	14.5	17.2	29.1	20.0	23.3
11	16.4	10.4	13.1	16.2	11.1	13.5	19.6	14.4	16.7	23.8	16.3	19.8
12	14.2	10.2	12.2	16.5	10.5	13.6	20.2	14.6	17.3	---	---	---
13	12.9	8.2	10.8	18.3	12.7	15.1	21.2	13.9	17.3	---	---	---
14	13.3	8.9	11.1	20.5	12.7	15.8	22.1	13.8	17.9	---	---	---
15	12.6	6.7	8.8	19.1	13.4	15.8	24.0	15.4	19.2	---	---	---
16	7.9	5.7	6.8	20.7	13.8	16.8	25.8	16.4	20.4	---	---	---
17	12.6	6.6	9.1	20.5	17.2	18.5	25.9	18.4	21.1	---	---	---
18	12.8	7.6	10.2	18.0	13.3	15.1	23.9	16.0	19.2	---	---	---
19	13.0	7.9	10.5	17.9	10.7	14.0	24.4	15.3	19.4	---	---	---
20	17.1	10.1	12.9	18.8	11.8	15.1	25.4	17.8	20.8	---	---	---
21	14.0	10.1	12.0	19.2	12.9	15.8	28.6	19.1	22.4	---	---	---
22	14.7	9.2	11.8	18.9	13.8	16.3	29.1	20.3	23.6	---	---	---
23	16.0	10.0	12.7	16.4	12.2	13.5	26.3	21.6	23.0	---	---	---
24	16.0	10.1	13.2	17.8	10.8	13.8	29.3	20.5	23.5	---	---	---
25	16.3	11.3	13.7	20.8	12.0	15.9	25.4	20.8	22.5	30.9	24.2	26.6
26	13.4	10.0	12.0	22.1	15.3	18.1	27.9	18.8	22.3	30.9	24.7	27.1
27	14.2	8.4	11.4	21.5	16.7	19.1	22.0	16.6	18.5	31.8	25.2	27.7
28	15.0	8.7	11.8	19.4	14.1	15.8	20.6	14.3	17.2	31.0	23.7	26.4
29	14.8	10.6	12.8	14.7	13.1	13.9	23.3	16.2	19.5	---	---	---
30	---	---	---	23.4	14.5	18.1	24.1	17.2	20.2	---	---	---
31	---	---	---	24.7	18.7	21.1	---	---	---	---	---	---
Month	17.1	3.4	10.6	24.7	5.9	14.5	---	---	---	---	---	---

08123800 Beals Creek near Westbrook, TX—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	---	---	---	---	---	---	---	---	---	29.5	24.1	26.5
2	---	---	---	---	---	---	---	---	---	30.7	24.9	27.5
3	---	---	---	---	---	---	---	---	---	29.5	24.1	26.6
4	---	---	---	31.5	28.7	30.4	---	---	---	30.2	23.1	26.2
5	---	---	---	32.9	25.4	28.5	---	---	---	32.1	23.3	26.8
6	---	---	---	29.4	25.2	27.3	---	---	---	31.8	23.4	26.8
7	---	---	---	29.2	24.6	26.1	---	---	---	30.3	23.1	26.0
8	---	---	---	30.4	24.1	26.4	---	---	---	28.6	23.1	24.9
9	---	---	---	29.6	24.4	25.9	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	23.1	21.8	22.6
11	---	---	---	---	---	---	---	---	---	25.4	22.2	23.6
12	---	---	---	---	---	---	---	---	---	27.1	23.4	24.6
13	---	---	---	---	---	---	---	---	---	28.1	24.1	26.0
14	27.2	19.9	21.8	---	---	---	---	---	---	26.6	24.6	25.6
15	28.8	22.4	25.0	---	---	---	---	---	---	26.0	21.5	23.7
16	32.0	24.8	27.8	---	---	---	---	---	---	26.1	19.4	22.6
17	33.9	25.2	28.7	---	---	---	21.2	19.8	20.5	26.2	19.4	22.7
18	34.0	24.8	28.5	---	---	---	24.3	20.6	21.9	26.3	19.6	22.6
19	33.2	26.1	29.1	---	---	---	25.0	22.6	23.7	27.1	19.7	22.7
20	31.3	23.5	26.8	---	---	---	25.6	21.6	23.3	26.8	19.6	22.7
21	31.1	25.9	28.0	---	---	---	28.8	23.3	25.7	27.7	19.9	23.2
22	32.7	25.8	28.8	---	---	---	31.0	24.1	27.1	28.2	20.4	23.4
23	32.8	26.0	29.2	---	---	---	31.3	25.6	28.1	28.7	20.3	23.6
24	31.5	25.7	28.1	---	---	---	29.9	25.8	27.3	24.3	21.0	22.1
25	32.6	25.3	28.2	---	---	---	31.7	24.5	27.5	---	---	---
26	34.0	25.2	28.6	---	---	---	33.1	24.8	28.2	---	---	---
27	34.2	25.5	29.1	---	---	---	33.1	25.2	28.3	---	---	---
28	30.5	26.3	28.2	---	---	---	31.2	25.1	27.5	---	---	---
29	---	---	---	---	---	---	29.2	24.8	26.4	---	---	---
30	---	---	---	---	---	---	25.7	22.8	24.4	---	---	---
31	---	---	---	---	---	---	26.9	23.9	25.3	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

08123800 Beals Creek near Westbrook, TX—Continued

